

Title (en)

Process for improving the yield of distillables in hydrogen donor diluent cracking.

Title (de)

Verfahren zur Ausbeuteverbesserung von Destillaten beim Kracken mit Wasserstoff liefernden Verdünnungsmitteln.

Title (fr)

Procédé pour améliorer le rendement de matières distillables dans le craquage en présence de diluants donneurs d'hydrogène.

Publication

**EP 0216448 A1 19870401 (EN)**

Application

**EP 86305039 A 19860627**

Priority

CA 486003 A 19850628

Abstract (en)

A process is disclosed for converting a heavy hydrocarbon oil feedstock to produce a high yield of lower-boiling hydrocarbons, wherein a residuum fraction of the effluent from a hydrogen donor diluent hydrocracking reactor is deasphalted using a low-boiling solvent and at least the highest-boiling fraction of the deasphalted oil is recycled to the hydrogen diluent hydrocracking zone.

IPC 1-7

**C10G 47/34; C10G 67/04**

IPC 8 full level

**C10G 67/04** (2006.01)

CPC (source: EP US)

**C10G 67/049** (2013.01 - EP US)

Citation (search report)

- US 4395324 A 19830726 - DERBYSHIRE FRANCIS J, et al
- EP 0090441 A1 19831005 - SHELL INT RESEARCH [NL]
- CA 1191471 A 19850806 - GULF CANADA LTD

Cited by

EP1785468A1; EP0403087A1; US7594990B2; US10081769B2

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DOCDB simple family (publication)

**US 4640762 A 19870203**; CA 1222471 A 19870602; DE 3667179 D1 19900104; EP 0216448 A1 19870401; EP 0216448 B1 19891129; JP S6230189 A 19870209; NL 8601695 A 19870116

DOCDB simple family (application)

**US 75271085 A 19850708**; CA 486003 A 19850628; DE 3667179 T 19860627; EP 86305039 A 19860627; JP 15259586 A 19860628; NL 8601695 A 19860627